

Application No.: 10/757,351**Atty Docket: MLSE 1027-2****In the Specification**

Please amend the specification as follows:

[0083] FIG. 9 illustrates a typical chessboard or checker board pattern 900. A chessboard pattern combines many advantages when trying to detect defective pixels. If one pixel does not have the value it is supposed to have, a spot of five pixels (the defective pixel and its neighbors) will disturb enough of the intensity to appear in the CCD camera. Another advantage of the chessboard pattern is that its opposite pattern is a chessboard as well, which means that only two pictures are needed to observe the behavior of all the pixels at a given voltage. With the inventive method it is possible to find all defective pixels with only a small number of measurements. In one embodiment this is achieved by making an image of the chessboard pattern, and its inverted pattern, just so unsharp that a regular chessboard pattern becomes a uniform background in a detector plane, but that both erroneously deflected or flat pixels will stick out distinctively of this uniform background.